

## INTERNATIONAL SEARCH REPORT

IB2004/052665

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 311 428 A (HAYES ET AL) 10 May 1994 (1994-05-10) abstract column 2, line 22 - column 4, line 11 -----	1-9
A	ANDIA B I ET AL: "Nonlinear sinogram filter design for backprojection reconstruction" NUCLEAR SCIENCE SYMPOSIUM CONFERENCE RECORD, 2000 IEEE LYON, FRANCE 15-20 OCT. 2000, PISCATAWAY, NJ, USA, IEEE, US, vol. 2, 15 October 2000 (2000-10-15), pages 15179-15183, XP010557035 ISBN: 0-7803-6503-8 the whole document ----- -/--	1-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

15 April 2005

Date of mailing of the international search report

26/04/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>FARQUHAR T H ET AL: "An investigation of filter choice for filtered back-projection reconstruction in PET" NUCLEAR SCIENCE SYMPOSIUM, 1997. IEEE ALBUQUERQUE, NM, USA 9-15 NOV. 1997, NEW YORK, NY, USA, IEEE, US, vol. 2, 9 November 1997 (1997-11-09), pages 1042-1046, XP010275630 ISBN: 0-7803-4258-5 page 1042</p> <p>-----</p>	1-9
A	<p>KIM J H ET AL: "A filtering algorithm based on SPECT lesion detectability potential" NUCLEAR SCIENCE SYMPOSIUM, 1997. IEEE ALBUQUERQUE, NM, USA 9-15 NOV. 1997, NEW YORK, NY, USA, IEEE, US, vol. 2, 9 November 1997 (1997-11-09), pages 1706-1710, XP010275745 ISBN: 0-7803-4258-5 the whole document</p> <p>-----</p>	1-9
A	<p>EP 0 950 985 A (MARCONI MEDICAL SYSTEMS, INC) 20 October 1999 (1999-10-20) abstract; figure 1 paragraphs '0001! - '0007!</p> <p>-----</p>	1-9

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5311428	A	10-05-1994	NONE	
EP 0950985	A	20-10-1999	US 5982845 A	09-11-1999
			EP 0950985 A2	20-10-1999
			JP 2000041978 A	15-02-2000